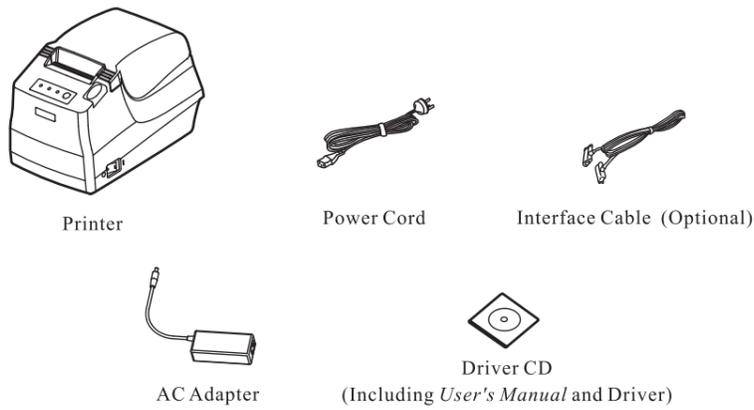


Facility User's Guide

Refer to the *User's manual* in the disc for more detailed operating instructions and application information.

Read all of these instructions carefully before using the printer.

1. Unpacking & Checking

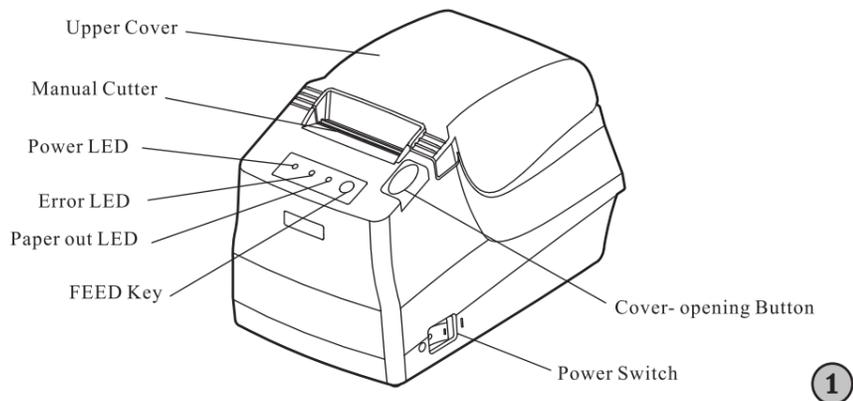


Note: Models with Bluetooth and Wi-Fi are not equipped with data interface cable.

2. Removing the Protective Materials

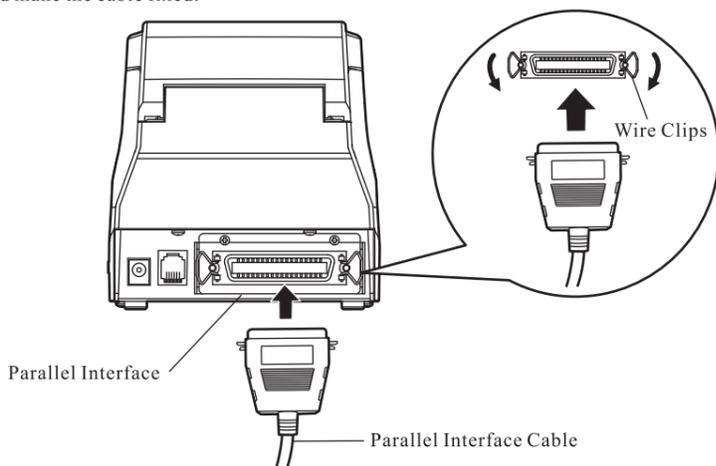
1. Open the packing box, take out the printer.
2. Save all the original packing materials so that they can be used when transporting the printer in the future.

3. Main Parts of the Printer



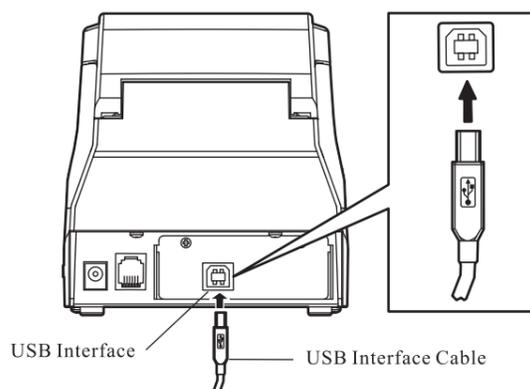
Connecting the Parallel Interface Cable:

1. Make sure the computer and the printer are both turned off, plug one end of the parallel cable to the parallel interface of the printer then squeeze the wire clips to make the cable fixed.
2. Connect the other end of the cable to the computer's parallel interface. Tighten the screws and make the cable fixed.



Connecting the USB Interface Cable:

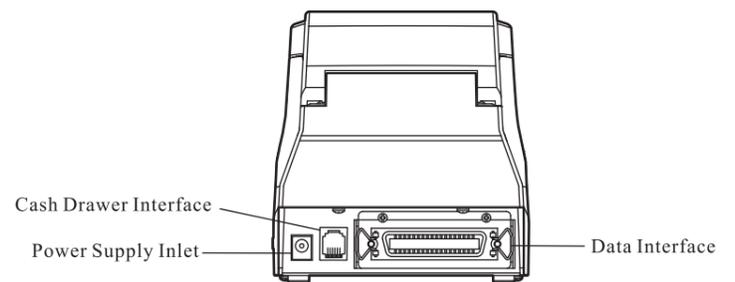
1. Plug the USB cable A end (flat shape) into the computer's USB interface.
2. Plug the USB cable B end (square shape) into the printer's USB interface.



Note: Please don't impact the plug after connecting the USB cable.

Connecting the Serial Interface Cable:

1. Make sure the computer and the printer are both turned off, plug one end of the serial cable to the serial interface of the printer. Tighten the screws and make the cable fixed.
 2. Plug the other end of the cable to the computer's serial interface, tighten the screws and make the cable fixed.
- 3



Interface

This series products are configured with cash drawer interface and one of the following data interfaces:

- Parallel interface
- USB interface
- USB interface + Serial interface
- USB interface + Ethernet interface
- USB interface + Serial interface + Ethernet interface
- USB interface + Bluetooth
- USB interface + Wi-Fi
- Wi-Fi interface

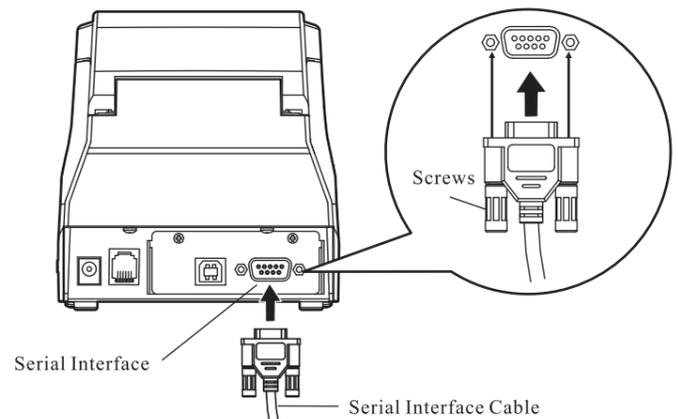
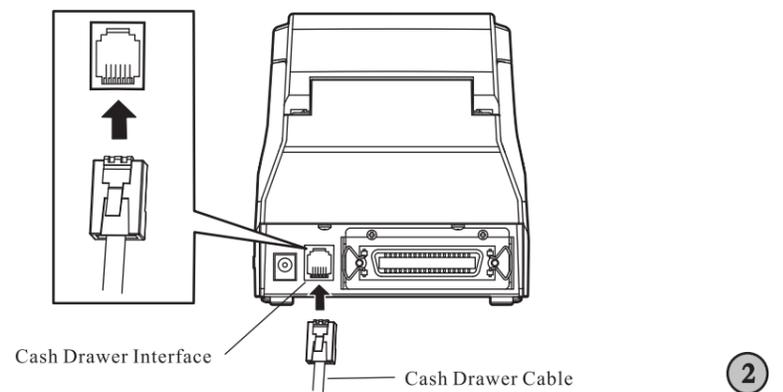
Note: 1. Please take the specific interface as standards.
2. Please contact the local dealer to change the interface if needed with added expense. The detailed information of Ethernet interface, Bluetooth and Wi-Fi, please refer to the *User's Manual*.

4. Connecting to Your Computer

Note: Before connecting the cash drawer, serial interface or parallel interface cable, make sure that the power of the printer is turned off. Only when the cable is fixed may you turn on the printer. Or else it may damage the printer.

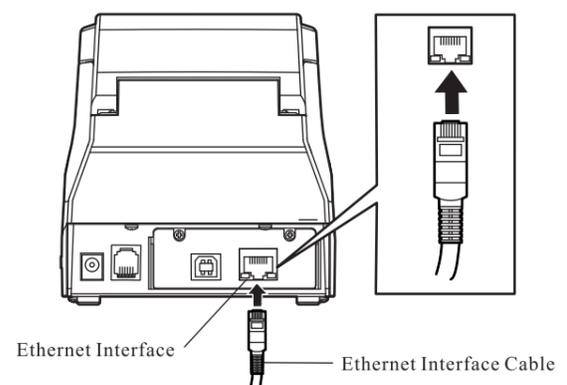
Connecting the Cash Drawer Cable:

Turn off the printer and plug one end of the cash drawer cable into the cash drawer interface of the printer and the other end to the cash drawer.



Connecting the Ethernet Interface Cable:

Plug the crystal end of the Ethernet cable (RJ-45) into the printer's Ethernet interface. And plug the other end of the Ethernet cable into the LAN.

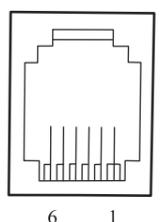


5. Cash Drawer Specification

Note: Please make sure the cash drawer meets the specification mentioned below. Manufacturer will not honor warranty when using unauthorized cash drawer.

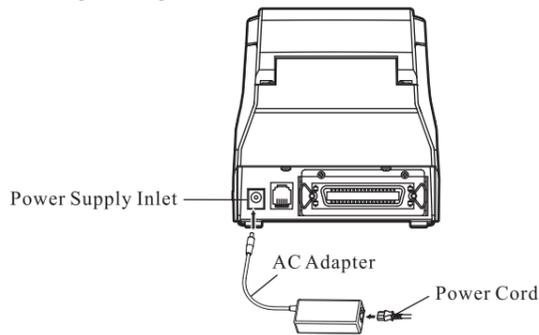
Pin number	Signal	Direction
1	Frame GND	---
2	Drawer drive signal	OUT
3	Drawer Open/closed signal	IN
4	12V(DC)	OUT
5	Drawer drive signal	OUT
6	Drawer Open/closed signal GND	---

Drive Current ≤12V/1A



6. Connecting the Power Cord

1. Make sure the printer is turned off. (The pressed down side of the power switch with "O" mark denotes the printer is off.)
2. Make sure the voltage required by the printer matches that of the electrical outlet.
3. Plug one end of the AC adapter into the printer's power supply inlet.
4. Plug one end of power cord into the AC adapter, and then plug the other end of the power cord into the well grounding electrical outlet.



Caution: 1. If the rated voltage doesn't match the outlet voltage, contact your dealer for assistance. Do not plug in the power cord.
2. Use the electrical outlet which connecting the ground properly.
3. Please use original AC adapter only. Manufacturer will not honor warranty when using unauthorized AC adapter.

7. Installing the Driver

Please use the interface cable to connect computer with printer, then turn on the computer and the printer, put the driver CD into the CD-ROM, install driver by the following way.

Auto-installing way

Double click the file "Setup.exe" in the driver disc, install driver by the following guide.

Hand operated installing way

The flow of hand operated parallel interface installing driver on windows 2000/XP/Vista/Win7 system is as follows, please refer to the *User's Manual* about other systems.

1. Click "Start" → "Settings", select "Printers".
2. Click "Add Printer", then a window of "Add Printer Wizard" pops up, click "Next", then please read the select guide carefully, for instance, select "Local printer" in the "Local or Network Printer" window, then click "Next".
3. A window of "Select the Printer Port" pops up, select "LPT1: (the recommended printer port)", click "Next".
4. A window of "Manufacturers/Printers" pops up, click "Install From Disk".
5. A window of "Install From Disk" pops up. Please according to the operating system environment and select the path as follows: CD-ROM → "Drivers" → "WIN2000(XP-Vista-Win7)", click "Open", then click "OK", go back to "Manufacturers/Printers", and then click "Next".
6. Follow the guide click "Next" gradually till the installation is finished.

Note: The installing ways for other Windows Systems, please refer to the *User's Manual*.

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Note: 1. After finishing installing the paper, if PAPER OUT LED and ERROR LED are still on, or the printer makes strange noise when feeding paper, please open the cover and re-close it tightly.

2. To extend the printer life, do not print exceeding 2cm with full line black mark continuously.

9. Paper Specification

Caution: 1. To guarantee the print quality, please ensure the contents are all within printable area.

2. Please refer to the *User's Manual* for the detailed information of paper specification.

10. Control Panel

There are three LEDs and one key on the control panel.



Key Function

Key	Function
【FEED】	This key controls paper feeding, you can enable or disable the button's function with a command. When enable, the paper will be fed continuously if you hold on pressing it, and paper will be stopped if you loosen it.

LED Description

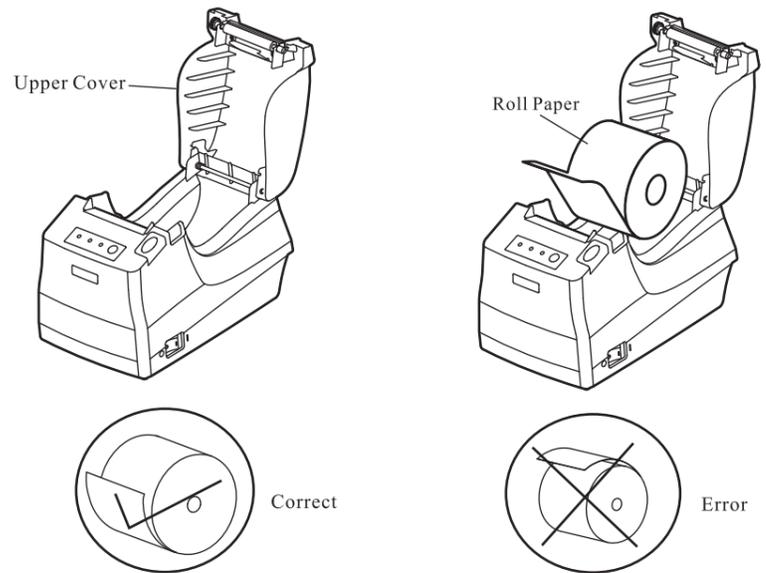
LED	Description
POWER	Indicate whether the printer's power supply is connected or not. The LED is on when the power is connected.
ERROR	Indicate printer's state. The LED is on when the printer is out of work.
PAPER OUT	Indicate printer's paper state. The LED is on when paper is out or is about to be out.

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8. Installing the Roll Paper

1. Press the cover-opening button, open the cover.

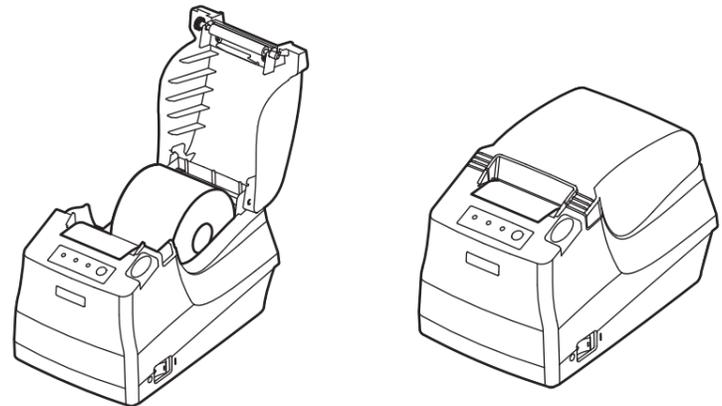
2. Put the roll paper in the paper holder.



Note: Paper head should be down and pulled out by the direction of paper-input slot, but not the opposite.

3. Pull out a small amount of paper.

4. Put the paper as shown below, and then close the cover.



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11. Troubleshooting

ERROR LED	PAPER OUT LED	Reason	Solution
ON	OFF	Upper cover is open	Close the upper cover tightly
ON	ON	Paper out	Load the paper again
Blink	OFF	Print head is overheated	It would go back to work automatically after cooling

12. Printer Maintenance

Cleaning periodically and the cleaning tool

Periodical cleaning: every three months or every 300 working hours once.

Cleaning tool: dry cloth (please use soft cloth to clean metal parts)

Cleaning the spare parts

Please clean the oil covered spare parts with a piece of dry cloth.

Cleaning the paper feed platform

Wiping off wasted paper and cleaning dirt and dust.

Cleaning the photoelectric sensor part

As the paper feed sensor is a correlation photoelectric sensor. You should clean the parts periodically.

Clean the photoelectric sensor's shield every three months.

Note: 1. Turn off the printer and pull out the power cord before cleaning.

2. Print head and the surrounding part may be high temperature after using. Do not clean it at the moment.

3. Please use soft cloth for cleaning. Do not use combustible solvent.

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